ABSTRACT

5   The present invention provides systems and methods for secure transaction management and electronic rights protection. The invention is a software permission control wrapper that is used to encrypt and encapsulate digital information for the purpose of enforcing discretionary access control rights to the data contained in the wrapper. The permission control wrapper enforces rules associated with users, and their rights to access the data.

10   Those rights are based on deterministic security behavior of the permission wrapper based on embedded security policies and rules contained therein and that are based, in part, on the user type, network connectivity state, and the user environment in which the data is accessed.

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